

phase delay means for delaying said given frequency output signal;

step-up transformer means having primary and secondary transformer windings;

said secondary transformer winding being selectively coupled to a device for receiving a ringing signal through a switch means; and

bridge circuit means for alternately coupling said given frequency signal and said delayed given frequency signal to opposing inputs of said primary winding to generate at an output of the secondary winding [a sinusoidal] ring signal of [the] a desired frequency and an amplitude greater than an amplitude of the DC [source] battery.

---

**ADD NEW CLAIMS:**

---

15. The interfacing device of claim 1 wherein said interface means is provided upon a printed wiring board arrangement positioned within said personal computer.

16. The interfacing device of claim 1 wherein printed wiring board arrangement includes a facsimile modem-type circuit.

17. The interfacing device of claim 14 wherein said printed wiring board arrangement is a PC compatible printed circuit.

18. The interfacing device of claim 15 wherein said interface means is coupled to the facsimile machine by way of an RJ-11 telephone cable.

19. The interfacing device of claim 1 being mounted upon a circuit board arrangement, which is combined with standard circuitry of external facsimile modem interface means coupled to the computer by way of an RS 232 cable.

20. The interfacing device of claim 1 wherein said interface means is provided upon a circuit board arrangement of a standard PCMCIA card size for insertion into a card receiving slot in a personal computer for coupling the interface means to a PCMCIA bus provided in the personal computer.

21. The interfacing device of claim 1 wherein said interface means is provided upon a circuit card arrangement positioned within a telephone.

22. The interfacing device of claim 1 wherein said circuit board arrangement includes a facsimile modem-type circuit positioned within a telephone.

23. The interfacing device of claim 1 wherein said interface means is provided upon a circuit card arrangement positioned within a computer keyboard.

24. The interfacing device of claim 1 wherein said circuit board arrangement includes a facsimile modem-type circuit card positioned within a computer keyboard.